

# Project Audit

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Project:  
**MoonPoo  
(MNP)**

December 16, 2021



# Our Mission Is To Poop On The Moon



**MoonPoo**



## Overview

This audit has been prepared for **MoonPoo** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a a summarized review of the following main key points

- Contract's source code
- Social Media Presence
- Team Information

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*“The results of this audit are purely based on the team’s evaluation and does not guarantee nor reflect the projects outcome and goal”*  
– SpyWolf Team

# Smart Contract Summary

Contract Name	MoonPoo
Ticker	MNP
Contract	0xf88A55eFcE114F7A935dd94D6dac9571D0C9A79b
Network	Binance Smart Chain
Language	Solidity
Tax	12% (Buy/Sell)
Total Supply	1,000,000,000,000
Contract Type	Hyper Deflationary Reflection with Buyback
Status	Not launched ⚠

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

# Security Threats

- **Owner can Exclude accounts from Rewards**

```
function excludeFromReward(address account) public onlyOwner() {  
    require(!_isExcluded[account], "Account is already excluded");  
    if(_rOwned[account] > 0) {  
        _tOwned[account] = tokenFromReflection(_rOwned[account]);  
    }  
    _isExcluded[account] = true;  
    _excluded.push(account);  
}
```

- **Owner can modify fee without limit** ⚠️

```
function setTaxFee(uint256 taxFee) external onlyOwner() {  
    _taxFee = taxFee;  
}  
  
function setBuybackFee(uint256 _buybackFee) external onlyOwner() {  
    buybackFee = _buybackFee;  
    _liquidityFee = buybackFee.add(marketingFee);  
}
```

- **Owner can exclude/include accounts from paying fee**

```
function excludeFromFee(address account) public onlyOwner {  
    _isExcludedFromFee[account] = true;  
}  
  
function includeInFee(address account) public onlyOwner {  
    _isExcludedFromFee[account] = false;  
}
```

- **Owner can change the max transaction without limit** ⚠️

```
function setMaxTxAmount(uint256 maxTxAmount) external onlyOwner() {  
    _maxTxAmount = maxTxAmount;  
}
```

# MoonPoo Project & Team Review

According to their website, Moonpoo was a meme token to reward the holders with reflections from all buy and sell transactions and with a buyback functionality.

The tokenomics is a hyper deflationary reflection with buyback and automatic distribution to the liquidity pool.

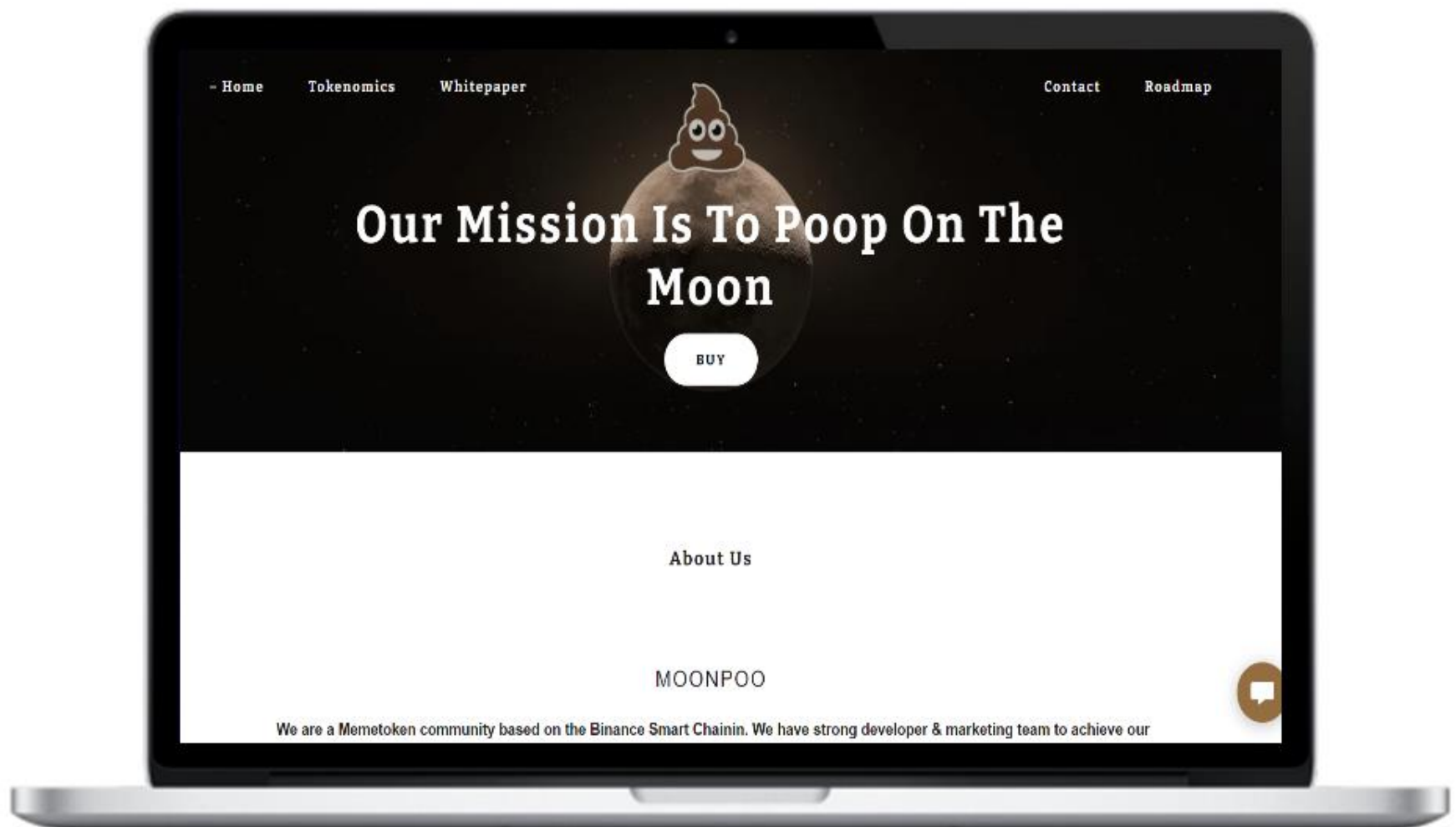
## Team

- Active in the community
- No information on the website ⚠



# Website Analysis

- Design: Simple
- Content: Content is well written with no grammar errors.
- Whitepaper: Not provided or broken link ⚠
- Roadmap: Short Term
- Mobile-friendly: Yes
- Technical: SSL certificate present. General SEO check passed.





# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- ▶ Website: [SpyWolf.co](https://SpyWolf.co)
- ▶ Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- ▶ Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.